

**Rotor VIRYA-3B3**

rotor diameter: D = 3 m

design tip speed ratio: d = 6.5

number of blades: B = 3

chord: c = 150 mm

blade angle:  = 7°

airfoil: Götingen 623

direction of rotation: right hand

material blades: hard wood

coating blades: two layers epoxy, two layers aluminium paint

material hub plate: stainless steel AISI 304

For design calculations of this rotor see public report KD 484. This report can be copied for free from my website: [www.kdwindturbines.nl](http://www.kdwindturbines.nl) at the menu KD-reports.